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NASA Procedural Requirements

NPR 8510.1

Effective Date: June 20, 2012

Expiration Date: June 20, 2017

COMPLIANCE IS MANDATORY

NASA Cultural Resources Management

Responsible Office: Office of Strategic Infrastructure

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Preface

P.1 Purpose

- a. This NASA Procedural Requirement (NPR) implements applicable requirements for the Cultural Resources Management (CRM) Program under NASA Policy Directive (NPD) 8500.1, NASA Environmental Management, in accordance with the National Historic Preservation Act of 1966 (NHPA), as amended, 16 U.S.C. 470 et seq.; its implementing regulations (Protection of Historic Properties, 36 C.F.R. Part 800); the Archaeological Resources Protection Act of 1979, 16 U.S.C. 470; Executive Order (Exec. Order No.) 13287; Preserve America, and the National Environmental Policy Act of 1970 (NEPA), 42 U.S.C. 4321 and 4331-35; and its Council on Environmental Quality (CEQ) regulations.40 C.F.R. Part 1501.
- b. This NPR establishes requirements, roles, and responsibilities for Native American Consultation (NAC) in accordance with the Native American Graves Protection and Repatriation Act, 25 U.S.C. 3001 et seq. and its Final Rule (43 C.F.R. Part 10); the American Indian Religious Freedom Act, as amended, 42 U.S.C. 1996 and 1996a; Religious Freedom Restoration Act, 42 U.S.C. §2000bb - 42 U.S.C. § 2000bb-4; Exec. Order No. 13007, Indian Sacred Sites; Exec. Order No. 13175, Consultation and Coordination with Indian Tribal Governments; and other laws, regulations, and Exec. Orders related to cultural resources.
- c. NASA is committed to be a steward of cultural resources, and implementation of this NPR will ensure preservation of their significance to NASA's mission, communities, and the history of our Nation in accordance with The Secretary of the Interior's Standards and Guidelines for Federal Agency Historic Preservation Programs Pursuant to the National Historic Preservation Act, 63 Federal Register (Fed. Reg.) 20496 (April 24, 1998).

P.2 Applicability

- a. This NPR applies to NASA Headquarters and all Centers, including Component Facilities and to the Jet Propulsion Laboratory (JPL), a Federally Funded Research and Development Center (FFRDC), other contractors; grant recipients; and licensees or parties to agreements only to the extent specified or referenced in the appropriate contracts, grants, or agreements.
- b. NASA Mission Directorates will reference this NPR in policy and guidance affecting NASA's cultural resources, including the requirement to fund programs and projects to meet NHPA compliance requirements.
- c. NASA institutional and support offices will reference this NPR in policy and guidance documents that involve or affect NASA's cultural resources and will support the Cultural Resources Management Program through appropriate public outreach and events.
- d. In this NPR, the language "shall" denotes a mandatory action, "may" or "can" denote discretionary privilege or permission, "should" denotes good practice that is recommended but not required, "will" denotes expected outcome, and "are/is" denotes descriptive material.
- e. In this NPR, all document citations are assumed to be the latest version, unless otherwise noted.

P.3 Authority

- a. The National Aeronautics and Space Act, 51 U.S.C. § 20113(a)
- b. National Historic Preservation Act, 16 U.S.C. 470 et seq. (1966)
- c. Archaeological Resources Protection Act, 16 U.S.C. § 470aa-470mm (1979)
- d. Native American Graves Protection and Repatriation Act (NAGPRA), 25 U.S.C. 3001 et seq. (1990)
- e. Federally Recognized Indian Tribe List Act, 25 U.S.C. 479a (1994)
- f. Religious Freedom Restoration Act, 42 U.S.C. § 2000bb-42 U.S.C. § 2000bb-4 (1993)
- g. National Environmental Policy Act, 42 U.S.C. § 4321 and §§ 4331-4335 (1970)
- h. American Indian Religious Freedom Act, 42 U.S.C. (1996)
- i. Protection and Enhancement of the Cultural Environment, Exec. Order No. 11593, 3 C.F.R. 8921, 1971-1975 Comp., p. 559 (1971)
- j. Environmental Effects Abroad of Major Federal Actions, Exec. Order No. 12114, 44 FR 1957, 3 C.F.R., Comp., p. 356 (1979)
- k. Indian Sacred Sites, Exec. Order No. 13007, 3 C.F.R., 1996 Comp., p. 196 (1996)
- l. Protection of Historic Properties (The Advisory Council on Historic Preservation's Regulations for Implementing Section 106 of NHPA), 36 C.F.R. pt. 800
- m. Consultation and Coordination with Indian Tribal Governments, Exec. Order No. 13175, 65 Fed. Reg. 67249, p. 67249-67252 (2000)
- n. Preserve America, Executive Order No. 13287, 68 Fed. Reg. 43, p. 10635-10638 (2003)
- o. Federal Real Property Asset Management, Executive Order No. 13327, 73 Fed. Reg. 2167, p. 2167-2168 (2004)
- p. Locating Federal Facilities on Historic Properties, Executive Order 13006, 61 Fed. Reg. 35736, p. 35736 (1996)
- q. NPD 8500.1, NASA Environmental Management

P.4 Applicable Documents and Forms

- a. National Register of Historic Places, 36 C.F.R. pt. 60 (1981)
- b. Procedures for State, Tribal, and Local Government Historic Preservation Programs, 36 C.F.R. pt. 61 (1999)
- c. National Historic Landmarks Program, 36 C.F.R. pt. 65 (1983). Secretary of the Interior's Standards for the Treatment of Historic Properties, 36 C.F.R. pt. 68 (1995)
- d. Curation of Federally-Owned and Administered Archaeological Collections, 36 C.F.R. pt. 79 (1990)
- e. Native American Graves Protection and Repatriation Act Regulations, 43 C.F.R. pt. 10 (1995)
- f. Presidential Memorandum, Government-to-Government Relations with Native American Tribal Governments, Fed. Reg. Doc. 94-10877, May 4, 1994

- g. Presidential Memorandum, Tribal Consultation, Fed. Reg., Nov. 9, 2009, pp. 57879-57882
- h. Secretary of the Interior's Standards and Guidelines for Federal Agency Historic Preservation, 63 Federal Register Doc. 20496 (1998)
- i. NPD 1000.0, Strategic Management and Governance Handbook
- j. NPD 1000.3, The NASA Organization
- k. NPD 1440.6, NASA Records Management
- l. NPD 8500.1, NASA Environmental Management
- m. NPD 8800.14, Policy for Real Estate Management
- n. NPD 8820.2, Design and Construction of Facilities
- o. NPR 1441.1, NASA Records Retention Schedules
- p. NPR 4200.1, NASA Equipment Management Procedural Requirements
- q. NPR 4310.1, Identification and Disposition of NASA Artifacts
- r. NPR 7120.5, NASA Space Flight Program and Project Management Requirements
- s. NPR 8553.1, NASA Environmental Management System
- t. NPR 8800.15, Real Estate Management Program
- u. NPR 8820.2, Facility Project Requirements
- v. NPR 8820.2, Design and Construction of Facilities
- w. Statement of Federal Financial Accounting Standards No. 29, Heritage Assets and Stewardship Land, July 7, 2005

P.5 Measurement/Verification

- a. For Agency-level requirements, metrics are to be developed to reflect existing and future reporting requirements of Congress, the Office of Management and Budget, the Advisory Council on Historic Preservation, the Department of the Interior, and other external oversight agencies, as needed.
- b. The NASA Headquarters Environmental Management Division (EMD) conducts an Environmental Functional Review (EFR), including an audit of the Environmental Management System, in accordance with NPR 8553.1 every three years.

P.6 Cancellation

NASA Interim Directive (NID 8500-80), Cultural Resource Management Policy, dated Sept. 21, 2009.

/S/

Dr. Woodrow Whitlow, Jr.
Associate Administrator
Mission Support Directorate

Chapter 1. Cultural Resources Management (CRM) Program Roles and Responsibilities

1.1 Introduction

1.1.1 The roles and responsibilities of senior management are defined in NPD 1000.0, Strategic Management and Governance Handbook, NPD 1000.3, The NASA Organization, and NPD 8500.1, NASA Environmental Management. The following are key roles and responsibilities for establishing, assigning, and maintaining CRM Program requirements. Responsibilities specific to a position title may be delegated by the responsible person.

1.2 Headquarters

1.2.1 The Assistant Administrator for the Office of Strategic Infrastructure (OSI) shall:

- a. Serve as and fulfill the Senior Policy Official (SPO) responsibilities specified in EO 13287, Preserve America, including appointing a Federal Preservation Officer (FPO).
- b. Promulgate CRM policy and guidance, and promote cultural resources management requirements across NASA.
- c. Represent NASA in establishing a Government-to-Government relationship with Federally recognized tribes unless otherwise delegated to Center and Component Facility Directors. (See Federally Recognized Indian Tribe List Act of 1994, 25 U.S.C. 479a and Presidential Memorandum, Government-to-Government Relations with Native American Tribal Governments, Fed. Reg. Doc. 94-10877, May 4, 1994.)

1.2.2 Headquarters CRM Program Manager shall:

- a. Fulfill the requirements of the FPO in accordance with the NHPA and Exec. Order No. 13287, Preserve America.
- b. Serve as the Agency liaison for Native American affairs.
- c. Oversee and coordinate NASA's activities under NHPA and other applicable laws, regulations, Exec. Orders, and Presidential Memoranda regarding cultural resources.
- d. Prepare the Agency CRM policy and guidance.
- e. Monitor CRM Program implementation through the issuance of data calls; EFRs, at least every three years; and metrics.
- f. Establish a CRM awareness program to educate and inform NASA of its historic properties and CRM responsibilities.
- g. Ensure the Agency NASA Environmental Tracking System (NETS) CRM database is validated and maintained by Center and Component Facilities Historic Preservation Officers (HPOs).
- h. Provide direction and guidance on the Agency's CRM Program and NAC to Centers and Mission Directorates.
- i. Sign nominations of NASA-administered historic properties to the National Register of Historic

Places (NRHP).

- j. Promote the mission, economic, and social benefits of the CRM Program within Agency leadership.
- k. Develop Programmatic Agreements (PAs) and Memoranda of Agreement (MOAs) on behalf of the Agency.
- l. Monitor Agency compliance with the management and reporting requirements of NHPA and other applicable statutes, regulations, and Executive Orders (EOs) related to CRM.
- m. Review and concur with Center and Component Facility Integrated Cultural Resources Management Plans (ICRMPs), NHPA PAs or MOAs, Native American Graves Protection and Repatriation Act (NAGPRA) Comprehensive Agreements and Plans of Action, and other cultural resources agreements and actions after legal review.
- n. Coordinate with NASA procurement office to include contract and grant clauses that cover cultural resources issues, as appropriate.
- o. Represent the Agency and CRM Program at external and internal meetings (e.g., FPO meetings, CRM Panel Meetings, and Advisory Council on Historic Preservation (ACHP) meetings).
- p. Ensure that the Agency's cultural resources records are retained in compliance with NHPA requirements, 36 C.F.R. pt. 79, NPD 1440.6, and NPR 1441.1.
- q. Assist Center and Component Facility HPOs in interaction with the ACHP, Secretary of the Interior, Native Americans, and NASA Administrator with matters regarding CRM.
- r. Update and prepare reports on heritage assets for financial reporting in accordance with Statement of Federal Financial Accounting Standards No. 29, Heritage Assets and Stewardship Land, July 5, 2005 (SFFAS No. 29) and NPR 9250.1, Property, Plant, and Equipment and Operating Materials and Supplies.

1.2.3 The Headquarters Facilities Engineering Division shall:

- a. Support the implementation of NASA's CRM Program through policy pursuant to NPD 8800.14, Policy for Real Estate Management, NPD 8820.2, Design and Construction of Facilities, and guidance pursuant to NPR 8800.15, Real Estate Management Program, and NPR 8820.2, Facility Project Requirements.
- b. Reference this NPR in Agency policy, guidance, and training material that relate to the management of real property.
- c. Consider cultural resources requirements when implementing the Agency Construction of Facilities (CoF) Program.

1.2.4 The Headquarters Technical Capabilities and Real Property Management Division shall:

- a. Provide real property data to HPOs for use in the NETS database CRM Module.
- b. Utilize data provided in the NETS CRM Module to populate the historic status and heritage asset fields in the Agency real property database.
- c. Maintain up-to-date information for heritage assets for financial reporting in accordance with SFFAS No. 29.

1.2.5 Mission Program and/or Project Managers shall:

- a. Coordinate with NASA's FPO or Center HPO, as appropriate, prior to development of project budgets and planning documents to ensure cultural resources management issues both within and outside the United States and are considered and programmed for during project formulation phase and reevaluated throughout implementation in accordance with NHPA, Exec. Order 12114, NPR 7120.5, NASA Space Flight Program and Project Management Requirements, and NPR 8820.2, Facility Project Requirements.
- b. Coordinate NASA's FPO or Center HPO regarding any closeout activities associated with programs and projects that are terminating to identify potential NHPA and NAC cultural resources management issues that may require budget and compliance considerations.
- c. Notify the FPO or the Center HPO immediately if an activity is likely to affect an historic property or results in discovery of archaeological resources or human remains, or impact to a property that has been identified as culturally significant by Federally recognized tribes, Alaskan Natives, or Native Hawaiian Organizations.

1.3 Centers and Component Facilities

1.3.1 Center or Component Facility Directors shall:

- a. Comply with the applicable laws, regulations, and EOs related to cultural resources.
- b. Ensure funding is available to implement and maintain NASA CRM Program activities at the Center or Component Facility.
- c. Serve as the Federal Agency Official in accordance with NHPA, as defined in 36 C.F.R. pt. 800, Protection of Historic Properties.
- d. Serve as the Federal Land Manager for complying with the Archaeological Resources Protection Act of 1979 (ARPA).
- e. Serve as the Federal Agency Official, as defined in 36 C.F.R. pt. 79, with management authority over the Center or Component Facility's archaeological collections.
- f. Ensure funding is available to coordinate the disposition of archaeological collections and associated records in curation facilities that comply with the requirements in 36 C.F.R. pt. 79, NHPA, ARPA, and other applicable regulations.
- g. Ensure that Center procedures are aligned with the Agency requirements for cultural resources compliance, records retention, and disposal of artifacts. (See NPR 4310.1, Identification and Disposition of NASA Artifacts.)
- h. Appoint an HPO for the Center or Component Facility to manage and implement the CRM Program.
- i. Notify, in writing, the Headquarters CRM Program Manager and the respective State Historic Preservation Officer (SHPO) of the HPO appointment.
- j. Ensure that the HPO has the authority and resources to carry out their role and responsibilities to comply with applicable CRM regulations and this NPR and has funding to conduct periodic inventory and evaluation of historic facilities. (See NHPA and Exec. Order No. 11593.)
- k. Ensure that the HPO is included in the process for collecting, identifying, retaining, and disseminating historic and cultural resources documentation, records, and artifacts.

- l. Establish a process for integrating CRM into Center master and mission planning that includes early coordination with other programs, tenants, and projects.
- m. Submit to the FPO nominations to the NRHP of those historic properties whose designation the Center Director deems to be a net benefit to NASA and the community.
- n. Support initiatives to educate and inform Center or Component Facility personnel of CRM and NAC compliance responsibilities and include Center Native American employees, as appropriate.
- o. Ensure the integration of CRM responsibilities within program and project requirements.
- p. Obtain appropriate training regarding Government-to-Government consultation to qualify for delegated authority from the Assistant Administrator.

1.3.2 Center or Component Facility Historic Preservation Officers shall:

- a. Implement NASA CRM Program activities in compliance with this NPR and sections 106 and 110 of NHPA.
- b. Develop and implement an ICRMP that meets the requirements of this NPR to identify, manage, and maintain cultural resources.
- c. Ensure the ICRMP is integrated with other Center and Component Facility documents (e.g., Environmental Management System, Master Plan, and asset management plans).
- d. Submit the ICRMP to the Headquarters CRM Program Manager for review and concurrence.
- e. Review and update the ICRMP every five years or when directed by the Headquarters CRM Program Manager.
- f. Ensure that unanticipated archaeological discoveries are managed in compliance with NAGPRA, ARPA, state regulations, and NASA internal procedures.
- g. Notify the Headquarters CRM Program Manager and State and local authorities in accordance with NAGPRA, state laws and regulations, and NASA internal procedures regarding discovery of human remains.
- h. For those who consult regularly with Indian Tribes or Native Hawaiian Organizations, as defined by NAGPRA, develop a Comprehensive Agreement or Plan of Action to assist with compliance with NAGPRA.
- i. Ensure that identification and evaluation of historic properties, including properties of traditional religious and cultural importance to Native Americans, are completed in compliance with Section 106 of NHPA prior to an undertaking.
- j. Ensure that impacts of proposed actions and undertakings that might affect cultural resources are considered pursuant to NEPA and NHPA.
- k. Serve as the Center or Component Facility point of contact to maintain and foster relationships with the Headquarters CRM Program Manager; SHPO; Tribal Historic Preservation Officer (THPO), for activities affecting tribal lands; Native Americans; ACHP; other consulting and interested parties; and the public, for activities related to the CRM Program.
- l. Provide timely responses to Agency CRM data calls (e.g., EO 13287, Preserve America, and ARPA).
- m. Track cultural resources and maintain up-to-date records and reports (i.e., documentation of

cultural resources surveys and studies, MOAs/PAs, and official correspondence) in the NETS CRM Module for compliance with NHPA, the Archaeological Resources Protection Act of 1979, Exec. Order No. 13327, and Exec. Order No. 13287.

n. Consult with the regional National Park Service (NPS) regarding National Historic Landmarks (NHL), as appropriate, and NRHP nominations. (See 36 C.F.R. pt. 65, National Historic Landmarks Program.)

o. Notify Headquarters of any proposed undertaking that is likely to directly and adversely affect any NHL.

p. Obtain necessary training to fulfill CRM responsibilities. If the employee is not a CRM professional, as defined by 36 C.F.R. pt. 61, the HPO will complete training on NHPA within 12 months of designation to allow the HPO to perform their duties.

q. Determine when official CRM records need to be retained or scanned and uploaded into NETS prior to submission to the National Archives and Records Administration or other disposition in accordance with NPR 1441.1, NASA Records Retention Schedules.

r. Notify the Headquarters CRM Program Manager prior to any Section 106 consultation under NHPA that requires consultation with the ACHP, Native Americans, or in the development of any other agreement with these consulting parties prior to such consultation.

s. Safeguard information about the location, character, or ownership of an historic property or archaeological sites if such disclosure might cause harm or might impede the access to or use of properties of traditional religious and cultural importance.

t. Encourage development of partnerships in accordance with Exec. Order No. 13287, Preserve America, to support and foster public-private initiatives and investment in the use, reuse, and rehabilitation of historic properties.

u. Review all construction and demolition projects that pertain to historic properties to determine likely effect of the proposed activity on the historic property and initiate compliance procedures, as appropriate.

v. Ensure the Secretary of the Interior's Standards for the Treatment of Historic Properties are followed as closely as practical for Center projects involving historic properties.

w. Report existing condition of NHLs to NPS, as requested.

1.3.3 Center and Component Facility Project Managers shall:

a. Reference this NPR in applicable program and project planning documents in accordance with NPR 7120.5, NASA Space Flight Program and Project Management Requirements, and NPR 8820.2, Design and Construction of Facilities.

b. Coordinate with the HPO to identify potential NHPA and NAC requirements when planning new mission needs and construction, renovation, or demolition/deconstruction activities.

c. Include cost and schedule needs for NHPA compliance and NAC activities in proposed project plans at the earliest stages of planning.

d. Ensure applicable forms are completed and permits obtained during the project planning phase and prior to project startup (e.g., environmental checklists, siting requests, and dig permits).

e. Notify the HPO immediately if an activity results in discovery of archaeological resources or human remains, or the activity impacts an historic property that has been identified as culturally

significant by Native Americans.

f. Consider alternatives for historic properties that are not needed for current or projected Agency or Center mission requirements in accordance with NASA's sustainability goals and Section 111 of NHPA, including adaptive reuse or lease. (See Exec. Order No. 13423.)

g. Ensure that contracts, licenses granted by NASA, and grant requirements include NHPA and NAC compliance activities and limit the issuance of notice-to-proceed orders in accordance with appropriate compliance activities. h. Consult with the HPO to identify requirements for NAC and consideration of potential impact to properties of tribal significance when planning construction, demolition, or deconstruction activities.

Chapter 2. Integrated Cultural Resources Management Plan

2.1 Overview

2.1.1 A key component of a Center's management responsibilities is the ICRMP. Each NASA Center and Component Facility is responsible for implementing NASA CRM and stakeholder engagement practices, as described in a Center or Component Facility ICRMP. The ICRMP establishes cultural resources management practices and procedures pursuant to Section 110 of NHPA for historic properties. The ICRMP should be developed in coordination with the Center or Component Facility's other significant planning documents, such as Master Plans.

2.2 Integrated Cultural Resources Management Plan

2.2.1 The ICRMP shall contain a summary of the Center and Component Facility's mission and history.

2.2.2 The ICRMP shall include, at a minimum, standard operating procedures (SOP) for:

- a. Identifying and evaluating resources that are 45 years of age or older (in anticipation of their turning 50) and resources less than 50 years old that may have exceptional significance in accordance with Section 110 of NHPA.
- b. Reassessing resources that have previously been determined eligible or ineligible for listing in the NRHP prior to their turning 50 years of age to address the passage of time, changing perceptions of significance, subsequent changes to the property, or incomplete prior evaluations.
- c. Maintaining, repairing, altering, demolishing, leasing, or transferring existing buildings or structures.
- d. Identifying, evaluating, and treating the effects of all undertakings on historic properties through Section 106 of NHPA consultation to include the public, Native Americans, SHPOs/THPOs, and other consulting parties in a manner that reflects the nature and complexity of the undertaking and its effects on historic properties.
- e. Protecting archaeological resources.
- f. Responding to inadvertent discovery of archaeological resources.
- g. Treatment of human remains and funerary objects.
- h. Consulting with Native Americans. (See Exec. Order No. 13175 and Presidential Memoranda.)
- i. Curating archaeological collections and records of historic properties.
- j. Emergency procedures in the event of natural or other disasters.

2.2.3 The ICRMP shall outline procedures that Centers and Mission Programs will follow for real estate actions, construction projects, and planning to ensure that stewardship responsibilities of the Agency are considered in accordance with relevant laws, Exec. Orders, and Presidential Memoranda.

2.2.4 The ICRMP shall document management practices to:

- a. Develop Center historical context information using broad thematic studies, such as Man in Space, the former U.S. Space Shuttle Program, and Center histories.
- b. Ensure that personal property and associated records are considered when evaluating historic properties.
- c. Participate in the identification and disposition of artifacts with appropriate Center and Component Facility organizations and Property Disposal Officers and/or Artifact Managers, especially as it relates to the management of these artifacts as potential historic properties.
- d. Account for heritage personal property in the NASA Personal Property, Plant, and Equipment System when valuation meets the Agency accountability threshold in accordance with NPR 4200.1, NASA Equipment Procedural Requirements and NPR 9250.1, Property, Plant, and Equipment and Operating Material and Supplies.
- e. Ensure that action of the Center or Component Facility and its tenants are planned and carried out in ways that protect and enhance its cultural resources.
- f. Maintain all eligible or listed (i.e., registered) historic properties in accordance with Section 110 of NHPA.
- g. Safeguard locations of archaeological resources in accordance with the requirements of existing ARPA and NHPA regulations.
- h. Identify the Area of Potential Effect for Section 106 of NHPA undertakings, and identify and evaluate historic properties to include archaeological sites and places of traditional religious and cultural importance prior to the commencement of any undertaking.
- i. Delineate treatment and mitigation measures in a MOA or PA with SHPO/THPO, other consulting/interested parties, and the ACHP.
- j. Integrate historic properties into comprehensive master planning and project development.
- k. Identify the location of and manage archaeological collections and associated records in facilities that meet the requirements of 36 C.F.R. Part 79.
- l. Develop comprehensive agreements and/or plans of action in consultation with Federally recognized tribes, in accordance with NAGPRA.
- m. Provide access to and use of sacred sites in order to accommodate ceremonial use by Indian religious practitioners. (See Exec. Order No. 13007.)

Appendix A. Definitions

Advisory Council on Historic Preservation. The independent Federal agency charged by NHPA to advise the President, Congress, and Federal Agencies on matters related to historic preservation. The Council also administers Section 106 of NHPA through 36 C.F.R. Part 800, Protection of Historic Properties.

Archaeological Resources. Material remains of human life or activities that are capable of providing understanding of behavior and cultural adaptation through the application of scientific or scholarly techniques, such as controlled observation, contextual measurement, controlled collection, analysis, interpretation, and explanation.

Consultation. A reasonable and good-faith effort to involve affected parties in the findings, determinations, and decisions made during the Section 106 review of the NHPA process and other processes required under NAGPRA, NEPA, ARPA, and other statutes and regulations. Consultations with Federally recognized tribes will be on a Government-to-Government level to respect tribal sovereignty and to recognize the unique legal relationship between the Federal Government and Indian Tribes set forth in the U.S. Constitution, treaties, statutes, and court decisions.

Consulting/Interested Parties. Those groups or individuals who have a consulting role in the Section 106 process in accordance with 36 C.F.R. Part 800.2, such as SHPOs, THPOs (for undertakings concerning tribal lands), and Native Americans. The term also includes representatives of local government; the public; and applicants for Federal assistance, permits, licenses, and other approvals.

Cultural Resources. Archaeological and Native American built resources, heritage assets, Historic Properties, NASA artifacts, and NHLs, including, but not limited to, buildings, structures, objects, districts, and sites.

Cultural Resources Professional. A person who meets qualifications in anthropology, archaeology, history, historical architecture, preservation planning, or other preservation specialties set forth in Section 112 of NHPA, Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation, and 36 C.F.R. Part 61.

Eligible Historic Properties. Those properties that meet the criteria of the NRHP and have concurrence from the SHPO/THPO regarding their eligibility to the NRHP.

Federal Preservation Officer. The Agency official that NHPA charges with coordinating the Agency CRM Program including interactions with the other agencies, states, Native Americans, National Park Service, the Advisory Council on Historic Preservation, and others.

Heritage Asset. Property, plant, or equipment that is unique for its historical or natural significance; cultural, educational, or artistic importance; and/or significant architectural characteristics. Consists of: (1) collection types, such as objects gathered and maintained for exhibition, (for example, museum collections, art collections, and library collections); or (2) non-collection-types, such as parks, memorials, monuments, and buildings. It is reported in Agency financial statements in accordance with the Federal Accounting Standards Advisory Board (FASAB), Statement of Federal Financial Accounting Standards No. 29, Heritage Assets and Stewardship Land. (Heritage assets are defined in SFFAS No. 29, Heritage Assets and Stewardship Land.) NASA's heritage assets include real properties that also are historic properties. These are reported by the Office of the Chief Financial Officer (OCFO) in NASA's annual financial report.

Historic Preservation or Preservation. Section 301(8) of NHPA, 16 U.S.C. Part 470 w(8), states that historic preservation "includes identification, evaluation, recordation, documentation, curation, acquisition, protection, management, rehabilitation, restoration, stabilization, maintenance, research, interpretation, conservation, and education and training" regarding cultural resources. The Secretary of the Interior's Standards for the Treatment of Historic Properties (NPS 1992) defines historic preservation as "the act or process of applying measures necessary to sustain the existing form, integrity, and materials of an historic property."

Historic Preservation Officer. A NASA employee who is designated by the Center Director and given the responsibility to manage cultural resources at the Center or Component Facility, if any, pursuant to NHPA, ARPA, NAGPRA, and other legal authorities.

Historic Property. Any district, site, building, structure, or object included on or eligible for inclusion in the NRHP, per the criteria provided in 36 C.F.R. Part 60.4. It also includes cultural resources defined as any prehistoric or historic district, site, building, structure, or object that is included in or eligible for inclusion in the NRHP maintained by the Secretary of the Interior and that has met the eligibility requirements in 35 C.F.R. Part 60.4. The term includes artifacts, records, and remains related to and located within such properties and includes properties of traditional religious and cultural importance to an Indian Tribe or Native Hawaiian Organization that meets the NRHP criteria. (16 U.S.C. 470 et seq.)

Indian Tribe. An Indian or Alaskan Native Tribe, band, nation, pueblo, village, or community that the Secretary of the Interior acknowledges to exist as an Indian Tribe pursuant to the Federally Recognized Indian Tribe List Act of 1994, 25 U.S.C. 479a.

Integrated Cultural Resources Management Plan. A plan that defines the policies and standard operating procedures for managing cultural resources at a NASA Center or Component Facility and is integrated into property management and other applicable Agency plans.

Listed (or Registered) Historic Property. Those properties that meet the criteria of the National Register of Historic Places (NRHP) and have formally been accepted by the National Park Service (NPS) to the NRHP.

Memorandum of Agreement. A legally binding form of agreement document, as described in 36 C.F.R. pt. 800.6, to mitigate adverse effects on historic properties.

NASA Artifacts. Unique objects that document the history of the science and technology of aeronautics and astronautics. Their significance and interest stem mainly from their relation to the following: Historic flights, programs, activities, or incidents; achievements or improvements in technology; our understanding of the universe; and important or well-known personalities. (See NPR 4310.1.)

NASA Environmental Tracking System. A set of relational databases that house environmental data across the Agency. The CRM module tracks cultural resources data and also connects to NASA's Cultural Resources Geographic Information System (CRGIS), which displays cultural resources information on NASA's public Web site and internally.

National Historic Landmark. A nationally significant historic place designated by the Secretary of the Interior because the property or site possesses exceptional value or quality in illustrating or interpreting the heritage of the United States. National Historic Landmarks (NHLs) are managed, in part, by the NPS's National Historic Landmark Program. All NHLs are considered historic properties or sites.

National Park Service. The Federal agency within the U.S. Department of the Interior tasked with

overseeing the NRHP and NHL Programs. NPS contains the offices of the Departmental Consulting Archeologist, who provides technical assistance to Federal agencies and who coordinates the Federal Archeology Program.

National Register of Historic Places. The Federal Government's official list of buildings, structures, districts, sites, and objects that are significant in American history, architecture, archaeology, engineering, or culture and are, thereby, considered for preservation. The NRHP is administered by the NPS.

Native Americans. For the purposes of this document, the term "Native Americans" refers to Eskimos, Aleuts, Alaskan Natives, Native North Americans, and Native Hawaiian Organizations, including Federally recognized tribes and Tribal Historic Preservation Officers, as appropriate.

Personal Property. Any property, except real property.

Programmatic Agreement. A legally binding document that records the terms and conditions agreed upon to mitigate the adverse effects associated with complex or phased undertakings when the full range of historic properties that may be affected are not known or in other situations specified in 36 C.F.R. Part 800.14(b).

Real Property. Land, buildings, other structures and facilities, and leasehold improvements. "Real property" also includes installed collateral equipment (i.e., building-type equipment), as defined in NPR 9250.1.

State Historic Preservation Officer. The official appointed by the Governor of each state and territory to carry out the functions defined in NHPA and to administer the State Historic Preservation Program.

Tribal Historic Preservation Officer. The official appointed by an Indian Tribe in accordance with NHPA to administer a Tribal Historic Preservation Program and assume duties and functions for tribal lands similar to those that the State Historic Preservation Officer has for state lands.

Undertaking. Any project, activity, action, or program wholly or partly funded under the direct or indirect jurisdiction of a Federal agency, including those carried out by or on behalf of a Federal agency; those carried out with Federal financial assistance; and those requiring a permit, license, or approval.

Appendix B. Acronyms

ACHP	Advisory Council on Historic Preservation
ARPA	Archaeological Resources Protection Act of 1979
CEQ	Council on Environmental Quality
C.F.R.	Code of Federal Regulations
CoF	Construction of Facilities
CRGIS	Cultural Resources Geographic Information System
CRM	Cultural Resources Management
EFR	Environmental Functional Review
EMD	Environmental Management Division
Exec. Order No.	Executive Order
FASAB	Federal Accounting Standards Advisory Board
FPO	Federal Preservation Officer
Fed. Reg.	Federal Register
HPO	Historic Preservation Officer
ICRMP	Integrated Cultural Resources Management Plan
JPL	Jet Propulsion Laboratory, (a Federally Funded Research and Development Center)
MOA	Memorandum of Agreement
NAC	Native American Consultation
NAGPRA	Native American Graves Protection and Repatriation Act of 1990
NASA	National Aeronautics and Space Administration
NEPA	National Environmental Policy Act of 1970
NETS	NASA Environmental Tracking System
NHL	National Historic Landmark
NHPA	National Historic Preservation Act of 1966
NID	NASA Interim Directive
NPD	NASA Policy Directive
NPR	NASA Procedural Requirements
NPS	National Park Service
NRHP	National Register of Historic Places
OCFO	Office of the Chief Financial Officer

OSI	Office of Strategic Infrastructure
PA	Programmatic Agreement
SFFAS	Statement of Federal Financial Accounting Standards
SHPO	State Historic Preservation Officer
SOP	Standard Operating Procedure
SPO	Senior Policy Official
THPO	Tribal Historic Preservation Officer
U.S.	United States
U.S.C.	United States Code